

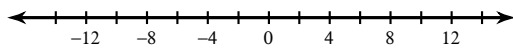
3.6 Compound Inequalities (OR) day 2

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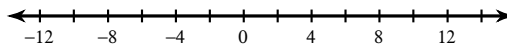
Date _____ Period _____

Solve each compound inequality and graph its solution.

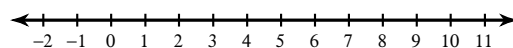
1) $\frac{x}{9} > 1$ or $x - 2 \leq -12$



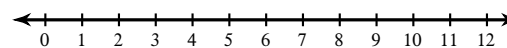
2) $-8 + x < -16$ or $x - 8 \geq 2$



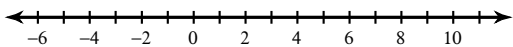
3) $\frac{r}{8} \geq 1$ or $r + 9 < 11$



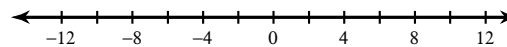
4) $\frac{a}{7} \leq 1$ or $\frac{a}{2} \geq 4$



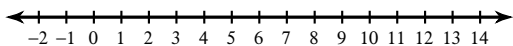
5) $-9x < -72$ or $x - 6 \leq -9$



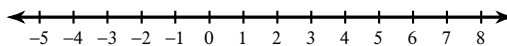
6) $9b - 3 > 60$ or $-10 - 6b \geq 38$



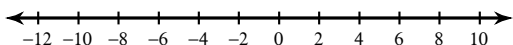
7) $9x + 10 > 100$ or $x + 9 < 10$



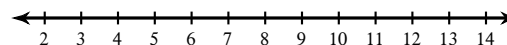
8) $-2x - 10 \leq -18$ or $-4x - 4 > 4$



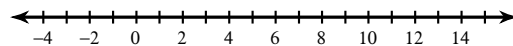
9) $7x - 8 > 41$ or $x - 10 \leq -18$



10) $7n + 8 < 57$ or $4n - 6 > 34$



11) $-10 - 2r \geq 5r - 10$ or $r + 3 < 2r - 7$



12) $-5 + 8x > 3 + 9x$ or $1 + 10x > 6x + 5$

